



**THE 11<sup>TH</sup> IMF STATISTICAL FORUM  
(NOVEMBER 15-16, 2023)  
SPEAKERS AND MODERATORS' BIOS**

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## NOVEMBER 15

### WELCOMING REMARKS

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**Kristalina Georgieva** currently serves as Managing Director of the International Monetary Fund, a position she was selected for on September 25, 2019, and has served as since October 1, 2019. z

Before joining the IMF, Ms. Georgieva was CEO of the World Bank from January 2017 to September 2019, during which time she also served as Interim President of the World Bank Group for three months.

Previously, Ms. Georgieva helped shape the agenda of the European Union while serving as European Commission Vice President for Budget and Human Resources. In this capacity she oversaw the EU's €161 billion (US \$175bn) budget and 33,000 staff, as well as the EU's response to the Euro Area debt crisis and the 2015 refugee crisis. Before that, she was Commissioner for International Cooperation, Humanitarian Aid and Crisis Response, managing one of the world's largest humanitarian aid budgets.

Ms. Georgieva began her career in public service at the World Bank as an environmental economist in 1993. After serving for 17 years, and in many senior positions, including Director for Sustainable Development, Director

for the Russian Federation, Director for Environment, and Director for Environment and Social Development for the East Asia and Pacific Region, her career culminated in her appointment as Vice President and Corporate Secretary in 2008. In this role, she served as the interlocutor between the World Bank Group's senior management, its Board of Directors, and its shareholder countries.

Ms. Georgieva serves on many international panels including as co-Chair of the Global Commission on Adaptation, and as co-chair of the United Nations Secretary-General's High-Level Panel on Humanitarian Financing. She has authored and co-authored over 100 publications on environmental and economic policy, including textbooks on macro- and microeconomics.

Born in Sofia, Bulgaria, in 1953, Ms. Georgieva holds a Ph.D in Economic Science and a M.A. in Political Economy and Sociology from the University of National and World Economy, Sofia, where she was an Associate Professor between 1977 and 1993. During her academic career, she was visiting fellow at the London School of Economics and at the Massachusetts Institute of Technology.

In 2010, she was named "European of the Year" and "Commissioner of the Year" by European Voice in recognition for her leadership in the EU's response to humanitarian crises. In October 2020, she received the Atlantic Council's Distinguished International Leadership Award in acknowledgement of exceptional and distinctive contributions during her career of public service.

## SETTING THE STAGE: MONEY AND REGULATION REIMAGINED

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**Michael J. Casey** is CoinDesk's chief content officer. Previously, Casey was the CEO of Streambed Media, a company he cofounded to develop provenance data for digital content. He was also a senior advisor at MIT Media Labs's Digital Currency Initiative and a senior lecturer at MIT Sloan School of Management. Prior to joining MIT, Casey spent 18 years at The Wall Street Journal, where his last position was as a senior columnist covering global economic affairs. Casey has authored five books, including "The Age of Cryptocurrency: How Bitcoin and Digital Money are Challenging the Global Economic Order" and "The Truth Machine: The Blockchain and the Future of Everything," both co-authored with Paul Vigna. Upon joining CoinDesk full time, Casey resigned from a variety of paid advisory positions. He maintains unpaid posts as an advisor to not-for-profit organizations, including MIT Media Lab's Digital Currency Initiative and The Deep Trust Alliance. He is a shareholder and non-executive chairman of Streambed Media. Casey owns bitcoin.



**Douglas W. Arner** is the Kerry Holdings Professor in Law and RGC Senior Research Fellow in Digital Finance and Sustainable Development at the University of Hong Kong, where he is also a Senior Fellow of the Asia Global Institute, Associate Director of the HKU-Standard Chartered Foundation FinTech Academy and a Member of the Management Committee of the Techno-Entrepreneurship Core as well as principal of the Reg/Tech Lab and Faculty Director of the Law, Innovation, Technology and Entrepreneurship Programme (LITE). He is a non-executive director of NASDAQ and Euronext listed early-stage biotechnology development firm Aptorum Group, a PRIME Finance Expert, an Advisory Board Member of the Global Impact FinTech (GIFT) Forum, SuperCharger Ventures, Policy 4.0, the International RegTech Association, the Alliance for Innovative Regulation and the Centre for Finance, Technology and Entrepreneurship (CFTE), and co-founder and an executive board member of the Asia Pacific Structured Finance Association. He leads the largest FinTech online course on edX, now with over 125,000 participants drawn from (almost) every country in the world. Douglas focuses on the interlinkages between finance, technology and broader sustainable development. He has published twenty books and more than 200 articles, chapters and reports on finance, technology, regulation and development, including most recently FinTech: Finance, Technology, Regulation (Cambridge 2023 forthcoming, with Ross Buckley and Dirk Zetsche).

## SESSION I. DIGITALIZATION AND NEW FORMS OF MONEY AND PAYMENT SYSTEMS

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**Jennifer Ribarsky** is a Deputy Division Chief in the Real Sector Division of the IMF's Statistics Department, where she has been working since 2018. Previously, she worked at the Organization for Economic Co-operation and Development (OECD) where she was Section Chief over the Sectoral National Accounts and the U.S. Bureau of Economic Analysis where she held various positions including Deputy Division Chief of the Balance of Payments Division and Chief of the Investment, Foreign Trade and Prices Branch in the National Accounts Division. Over her more than 25-year career in national accounts and balance of payments statistics she has been involved in several projects related to globalization, digitalization, and measurement of non-financial assets. She was co-chair of the Eurostat-OECD Task force on Land and other Nonfinancial Assets and was the editor of the Compilation Guide on Land Estimation and Compilation Guide on Inventories. She has also authored working papers, guidance notes and contributed to other guides such as the Guide to Measuring Global Production.



**Nick McLaren** is the Head of the Future of Money Division at the Bank of England. He oversees the Economics and Strategy aspects of the Bank's investigative work on the design of a Central Bank Digital Currency. He also has responsibility for the Bank's work on Wholesale Cash Distribution, analysis of trends in cash use, and communication with businesses and other groups regarding bank note use. Since joining the Bank of England in 2008, Nick has worked in a variety of roles across the Monetary Analysis and Financial Market's Directorates at the Bank, including as Economic Advisor to the Governor Andrew Bailey.

Throughout his time in the Bank, he has been involved in both conjunctural analysis and policy relevant research, particularly relating to the interaction between the macro-economy and financial markets. He is also passionate about supporting the Bank's Diversity and Inclusion strategy and making the Bank more "human and humble".



**Silvia Dal Bianco** is Associate Professor in Economics at Universita' degli Studi di Roma-LINK and at the Department of Economics at University College London (UCL).

She possesses a 20-year national and international academic experience. She had taught in a number of world-renowned institutions such as Oxford and Bocconi.

Silvia's areas of expertise include applied and international economics, economics education as well as cryptoeconomics. Silvia has presented her work on bitcoin in different occasions, to both academic audiences and to the general public. Silvia's works have appeared in internationally recognised journals, such as the Journal of Business Research and Technological Forecasting and Social Change.

While at UCL, Silvia has led a project aimed at improving BAME students' inclusion at the Economics Department.

Silvia holds a degree in Economics from Bocconi University, a M.Sc. in Economics for Development from Oxford University and a Ph.D in Economics from the University of Pavia. Silvia acts as an expert at the UNESCO Inclusive Policy Lab; she is a Senior Teaching Fellow of the Higher Education Academy, and she serves as a referee for different economic journals, such as Oxford Economic Papers and the B.E. Journal

of Macroeconomics. Before joining academia, she has consulted a number of national and international institutions, like UNESCO, DFID and the Italian Ministry of Foreign Trade.



**Arif Ismail** is currently the Deputy Division Chief in the Payments and Infrastructure Division at the IMF. He is responsible for co-leading the Division on payments, financial market infrastructures and digital money matters. Arif's passion is understanding how digitalization may impact broader society, improve social welfare whilst minimizing risks to both domestic and the international monetary system. Arif was privileged in leading a multi-departmental team on the Board Paper: Elements of Effective Crypto Policies. Arif holds a BSc in mathematics and physics, an MBA through GIBS, and a DBA on strategic leadership and transformation. His area of interest spans the change domain, and includes a focus on complex adaptive systems, psycho-social cognition, and leadership theory.



**Linda Jeng** is the Head of Global Web3 Strategy at the Crypto Council for Innovation and previously had been the Chief Global Regulatory Officer and General Counsel.

She is also the Visiting Scholar on Financial Technology and Adjunct Professor of Law at Georgetown University Law Center's Institute for International Economic Law and a Senior Lecturing Fellow at Duke Law School. Her research interests include open banking, digital currency, data privacy and DeFi.

She spent three quarters of her career in public service as a regulator before working for a DeFi startup. Previous roles include Chief Policy & Regulatory Officer for the Centre Consortium, the standards organization for Centre Standard Stablecoins and Global Head of Policy at Transparent Financial Systems. She also served as Chief of Staff for Risk, Data and Surveillance at the Federal Reserve Board of Governors where she chaired the Basel Committee on Banking Supervision's working group on Open Banking.

As a regulator, she worked on financial stability and regulatory reform, including at the Financial Stability Board in Basel, Switzerland, drafting global standards addressing Too-Big-to-Fail, the U.S. Senate drafting the Dodd-Frank Act, and the U.S. Department of Treasury negotiating the international implementation of G20 post-crisis reforms.

Linda has worked at the Securities & Exchange Commission, the Office of the Comptroller of the Currency, and Credit Agricole in Paris. She has a J.D. from Columbia Law School, a Master of Advanced Studies from University of Toulouse, France, and a B.A. from Duke University.

## SESSION II. NEW FORMS OF DIGITAL MONEY AND ITS IMPACT ON MONETARY POLICY IMPLEMENTATION AND FINANCIAL SECTOR REGULATION

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**Christopher Erceg** is deputy director in the Monetary and Capital Markets Department of the IMF, where his responsibilities include oversight of areas that include monetary and macroprudential policies, central bank operations, monetary policy modeling, and capital flow management. Prior to joining the Fund, he was senior associate director in the International Finance Division of the Federal Reserve Board. His research interests include monetary and fiscal policy, financial stability, and open economy macroeconomics, and he has been engaged in developing global macroeconomic models throughout his career. He received his Ph.D. in economics from the University of Chicago.



**Erlend W. Nier** is a Deputy Division Chief with the IMF's Monetary and Capital Markets Department. In his position with the IMF, Erlend Nier covers monetary and macroprudential policy to achieve stability goals in advanced and emerging economies, including institutional arrangements for the use of these tools. Prior to joining the IMF he was Research Manager with the Bank of England's Financial Stability Directorate, leading research and policy work in areas such as bank transparency and market discipline, the 'procyclicality' of capital requirements under Basel II, liquidity and liquidity regulation, and public policy in clearing and settlement systems. Erlend Nier has published his research work in official publications as well as a number of academic journals, including the *Journal of Economic Dynamics and Control*, the *Journal of Financial Intermediation*, the *Journal of International Money and Finance*, the *Journal of Banking and Finance* and the *Journal of Financial Stability*. He is a co-editor and author of a book on *The Economics of Large-value Payments and Settlement*, published by Oxford University Press. Erlend Nier holds a PhD from the London School of Economics.



**Yoav Soffer** joined the Bank of Israel in 2014. He served in various positions as a research economist, advisor on behalf of the Bank at the executive board of the World Bank, and Deputy Spokesperson, before becoming the Bank of Israel Spokesperson in 2014. In this position he also formulated and executed the Bank's monetary policy communication. He stepped down in 2020 to become an Advisor to the Deputy Governor and CBDC Project Manager. Since then, he has been coordinating the Bank of Israel's work on the digital shekel. Yoav has a B.A in Economics and Geography and an M.A in Economics, both from Ben Gurion University in Israel. He has taught various courses in economics in academic institutions in Israel.



**Jon Frost** is Head of Economics for the Americas at the BIS. In this role, he leads a team of economists and analysts in the BIS Representative Office for the Americas Office in Mexico City. The team does policy-oriented research on macroeconomic policy, financial sector issues and digital innovation, and supports collaborative activities between central banks in North and South America. Previously, Jon worked in the BIS Innovation and the Digital Economy unit, at the Financial Stability Board (FSB), the Dutch central bank (DNB), VU University in Amsterdam and in the private sector in Germany. He has published research on fintech, big tech, central bank digital currencies, crypto, stablecoins, capital flows, macroprudential policy and economic inequality. Jon is a US national, from Seattle. He holds a PhD in economics from the University of Groningen, an MA from the University of Munich and a BA/BS from the University of

Washington. He is a research affiliate of the Cambridge Centre for Alternative Finance (CCAF) at the University of Cambridge. He previously served as a Board member in the FinTech@CSAIL initiative of the Massachusetts Institute of Technology (MIT).



**Artak Harutyunyan** is the Chief of Financial Institutions Division of the Statistics Department (STA) at the IMF. Mr. Harutyunyan joined the IMF in 2004 and has worked in various STA divisions. Mr. Harutyunyan has over 25 years of broad experience in various domains of macroeconomic statistics and has contributed to advancing the international statistical methodology. He was co-chairing the joint Financial and Payments Systems Task Team established by the IMF's Committee on Balance of Payments Statistics and the Inter-secretariat Working Group on National Accounts in the context of the updates of international statistical standards. Earlier, Mr. Harutyunyan led the revision of the IMF's Monetary and Financial Statistics Manual and Compilation Guide. In his current role, Mr. Harutyunyan leads STA's work on topics such as

financial sector statistics, nonbank financial institutions, balance sheet approach, digital money, fintech, crypto-assets, and climate finance statistics. Prior to joining the Fund, he was the first Director of the Statistics Department at the Central Bank of Armenia.



**Ms. Padma Sandhya Hurree-Gobin** is currently Deputy Division Chief in the Financial Institutions Division of the IMF's Statistics Department (STA). She is overseeing the Division's work on Balance Sheet, Monetary and Financial Statistics, both methodological aspect, and global databases, including emerging topics like Fintech and digital money. She is also supervising FI's climate related assignments focusing on the financial sector. She is leading the new G20 Data Gaps Initiative's (DGI-3) Recommendation 11 on Digital money, and is part of Recommendation 5 on forward-looking climate transition risks indicators.

Prior to joining FI, Ms. Hurree-Gobin spent eight years in STA's Balance of Payments Division where she was actively engaged in methodological work and capacity development activities. She has drafted guidance notes, clarification notes, and has been closely involved with the update of the international statistical standards by serving as co-Secretariat for the [IMF Committee on Balance of Payments Statistics](#), the [Direct Investment Task Team](#), and the [Globalization Task Team](#). Ms. Hurree-Gobin has been involved in work on Special Purpose Entities, and has co-authored the [Special Purpose Entities: Guidelines for a Data Template](#). She was also co-Secretariat for the DGI-2.

Padma was Chief in the Statistics Division at the Bank of Mauritius. Her research interests and published work are in the field of exchange rate, and international trade. She holds a MSc in Financial Economics from University of London, UK, and a BA Honours in Economics from the University of Delhi, India.



**Kartikey Bhargav** has been working with the Reserve Bank of India since January 2023 as Economist (Manager) in the Division of Money and Credit, Department of Economic and Policy Research. He is a graduate in Economic Sciences from Indian Institute of Technology, Kanpur (2018).



**Mohammad Davoodhosseini** is a Research Advisor at the Bank of Canada. Mohammad joined the Bank in 2015 as a Senior Economist following the completion of his Ph.D. in Economics at the Pennsylvania State University. Prior to this, he earned his B.Sc. in Electrical Engineering and M.Sc. in Economics from Sharif University of Technology, Iran, in 2007 and 2009, respectively.

His research interests can be classified into two broad categories: monetary economics and search theory. In the field of monetary economics, he investigates new developments in electronic money and payments, exploring how the introduction of a Central Bank Digital Currency (CBDC) can impact the implementation and transmission of monetary policy, as well as the efficiency and stability of the financial system. In the field of search theory, he has conducted extensive research on the role of information asymmetries in markets with search frictions, applying these insights to inter-bank, labor, and over-the-counter markets.

His work has been published in academic journals such as Journal of Political Economy, Journal of Economic Theory, Management Science, International Economic Review, and Journal of Economic Dynamics and Control. His policy work has appeared in BIS Innovation Hub publications as well as in Canadian Public Policy.





**Andrés Fernández Martin** is a Senior Financial Expert at the IMF's Capital Flow Unit, in the Monetary and Capital Markets (MCM) Dpt. Andrés Joined his current team in April 2022.

His research focuses mainly on open economy macroeconomics with an emphasis on emerging market economies.

Previously, Andrés was head of the Research Department at the Central Bank of Chile, between 2019 and 2022; Senior Economist at the Research Department of the Inter-American Development Bank (IDB) in Washington D.C. between 2012 and 2019, and assistant professor at U. de Los Andes (Bogotá) between 2010 and 2011. He holds a Ph.D. in Economics from Rutgers University (2010).



**David Andolfatto** received his Ph.D. in economics in 1994 from the University of Western Ontario, London, Canada. A native of Vancouver, British Columbia, he began his academic career in Canada as a professor of economics. In 2009, he was awarded the Bank of Canada Fellowship Award for his contributions in the theory of money, banking, and monetary policy. In that same year, David left Canada to become Vice President, and then Senior Vice President, in the research division of the Federal Reserve Bank of St. Louis, where he served as a senior policy advisor for James Bullard, CEO and president of the Bank. He left the Fed in 2022 to become Chair of the Economics Department at the University of Miami Patti and Allan Herbert Business School.

## NOVEMBER 16

### SESSION III. BENEFITS AND RISKS OF DIGITAL FINANCIAL LANDSCAPE: FINANCIAL INCLUSION AND ILLICIT FINANCIAL FLOWS

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**Abebe Aemro Selassie** is the Director of the African Department, where he oversees the IMF's operations and engagement with 45 countries across sub-Saharan Africa.

Under his leadership the IMF has disbursed some \$51 billion to support the post pandemic recovery and foster greener more inclusive growth. Working tirelessly alongside the region's leaders Mr. Selassie strives to strengthen the region's financial architecture and support Africa reaching its true potential.

Before taking up his current position in 2016, Mr. Selassie gained extensive experience in a wide-ranging career at the IMF. He held various senior positions, including Deputy Director in the African Department, Mission Chief for Portugal during the Euro Area Crisis and South Africa. He has served as the IMF's Senior Resident Representative in Uganda and earlier in his career, he worked on the Fund's lending programs with Turkey, Thailand, Romania and Estonia. While in the Strategy, Policy and Review Department he was deeply involved in low-income country and emerging-market programs and policy design issues.

Before joining the IMF in 1994, he worked for the Government of Ethiopia as Principal Economist in the Office of the President and at the Economist Intelligence Unit in London.



**Jordana Viotto da Cruz** joined the University of Edinburgh Business School as a Lecturer in August 2019. Her research focuses on the convergence of entrepreneurship, innovation, and the economics of digital platforms.

Some of the topics she is interested in include the use of digital platforms to test entrepreneurial ideas and to co-create value with online communities, and the potential of digital platforms to expand access to entrepreneurial finance.

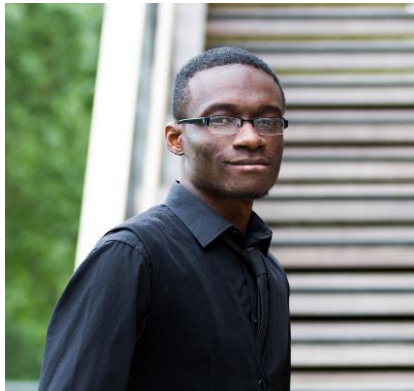
Before her tenure, she had a two-year post-doctoral fellowship at the University of Paris-Dauphine (Governance and Regulation Chair). She earned a PhD in Economics from the University Sorbonne Paris-Nord.

and Telecom Paris.



**Fozan Fareed** is an Economist in the Financial Institutions Division of the IMF's Statistics Department, where he is engaged in topics related to monetary and financial sector issues. Alongside this, he also plays an active role in furthering the IMF's climate change agenda, including his contributions to the development of the Climate Change Indicators Dashboard. He joined the IMF in 2021, initially leveraging his expertise for the Middle East and Central Asia Department before transitioning to his current role in the Statistics Department.

Prior to assuming his current role, Fozan held positions as a Consultant at the OECD in Paris and as an Economist at the Bureau for Economic Policy Analysis (CPB) in the Netherlands. Within these capacities, his primary concentration spanned matters encompassing financial inclusion, gender dynamics, and inequality. Beyond this, he augmented his professional portfolio by serving as an Adjunct Lecturer at Université Paris Sorbonne. He holds a PhD in Economics from Université Paris Est, France.



**Dr. Peterson K. Ozili** is an economist at the Central Bank of Nigeria. He has experience in banking supervision and economic policy. He is widely known for his contributions to financial inclusion research. He also does extensive research on topics of global interest in economics, finance and business.



**Dr. PK Senyo** is an Associate Professor in FinTech and Information Systems within the Department of Decision Analytics and Risk at the University of Southampton, UK. PK has a strong interest in applied and impactful research. His research focuses on how the use and adaptation of new digital technologies impact individuals, organisations, and society. His current research interests include Financial Technologies (FinTech), Financial Inclusion, Platform Ecosystems, Artificial Intelligence, Blockchain, ICT for Development (ICT4D), and Digital Transformation.

PK serves as Associate Editor for the European Journal of Information Systems and Senior Editor for Information Technology & People journal. He has obtained over £1,000,000 in research income from councils such as Innovate UK and ESRC and through consultancy for private and public sector organisations. PK also regularly consults and provides expert advice on digital technology projects for national and international organisations. He has previously worked with organisations such as the UK's Department for Business, Energy, and Industrial Strategy (BEIS), the World Bank, and the International Telecommunication Union (ITU).



**Nakul Padalkar** is an Assistant Professor of Data Science and Analytics at Georgetown University's Graduate School of Arts and Sciences. With a Ph.D. in Management Information Systems from Texas Tech University and a decade of industry and academic experience, Nakul is an expert in the intersection of Technology, economics, and society. Under the umbrella of Disruptive Technology Lab, he focuses on designing and modeling technologies such as blockchains, autonomous vehicles, Vision systems & AI. Nakul also leads Georgetown's Analytics for Non-Profit group, helping non-profit organizations with data science and analytics projects. Through his work, he seeks to apply disruptive technologies to solve industry, societal, and governance concerns.



**Denise Garcia Ocampo** is a Senior Advisor at the Financial Stability Institute (FSI) of the Bank for International Settlements (BIS). She has been contributing with the FSI in areas related to digital innovation in financial services, including digital assets, fintech, insurtech and suptech. Denise is co-leader of the BIS Fintech Repository (FinRep) project and co-chair of the IAIS FinTech Forum subgroup on distributed ledger technology (DLT).

Previously, she held a number of positions in regulatory, supervisory and international affairs at the Insurance and Surety National Commission (CNSF) of Mexico, where she contributed to draft the Mexican Fintech Law as well as to implement various innovation initiatives in the insurance sector. Denise holds a bachelor's degree in business administration from the Technological Autonomous Institute of Mexico (ITAM) and a Diploma in Public Administration from the National Institute of Public Administration (INAP), Mexico.

## SESSION IV. MEASURING MONEY IN THE DIGITAL AGE – CLOSING DATA GAPS

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**James Tebrake** is currently the Deputy Director of the Statistics Department at the International Monetary Fund. His main responsibilities include overseeing the Fund's new Data Gaps Initiative, Climate change statistics program as well as oversight for the national accounts, price statistics, and monetary and finance statistics programs. James' current research includes developing improved frameworks and methods to account for financial innovation, the informal economy, globalization, digitalization, well-being, and sustainability. Prior to joining the IMF in August 2019 James held several positions at Statistics Canada including, Assistant Chief Statistician, Economic Statistics and Director General of the Macroeconomic Accounts Branch at Statistics Canada, where he managed Canada's national accounts, balance of payments and government finance.

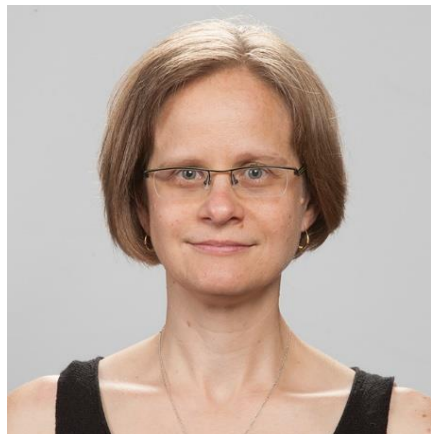


**Urszula Kochanska's** main dossiers cover crypto assets, fintech, and financial integration among others. She has led the crypto-asset dataset and dashboard project at the ECB since 2018. Over 10-year professional experience at the ECB Urszula has gained in the financial stability department, in the European Systemic Risk Board (ESRB) Secretariat, and more recently - in the statistics department.



**Philip Kerfs** is the Head of the International Co-Operation Unit at the Centre for Tax Policy and Administration of the OECD. The International Co-Operation Unit supports the OECD's policy work relating to the international tax transparency standards and all other forms of enhanced international co-operation in tax matters. Over the past years, Philip has mainly worked on the Common Reporting Standard, the Crypto-Asset Reporting Framework, the BEPS transparency standards, and the Model Reporting Rules for Platform Operators with respect to Sellers in the Sharing and Gig Economy. Before joining the OECD, he worked for 13 years as assistant general counsel at Euroclear, where he was responsible for the tax area and the regulatory practice area. Prior to that, he practised tax law at Tournicourt & Vanistendael in Brussels (and enjoyed a spell at the IBFD in Amsterdam). Philip studied law at the Universities of

Namur and Leuven (Belgium) and did an LLM in taxation at the Ecole Supérieure des Sciences Fiscales (Brussels).



**Ruth Judson** has worked at the Federal Reserve Board since 1994. She began her time at the Fed in the Division of Monetary Affairs and is now in International Finance. Throughout her time at the Board, she has worked on data management and collection for a wide variety of topics including monetary aggregates, the international circulation of U.S. banknotes, the Federal Reserve's balance sheet, and, most recently, cross-border U.S. banking and securities positions and flows. She holds a PhD in economics from MIT and an AB in Russian Civilization from the University of Chicago.



**Nick Cappiello** is supervising project manager on the FASB's project on the Accounting for and Disclosure of Crypto Assets. Nick has also been project manager on the Disclosure Framework and Measurement portion of the Conceptual Framework, as well as the FASB/IASB joint projects on Financial Statement Presentation and Leases. Nick has worked on issues related to revenue recognition and insurance contracts and was an XBRL team project manager. Prior to his role as at the FASB, Nick was a Director of Reporting at USI Holdings Corp. and prior to that, Controller at Independence Holding Company. Before that, Nick worked in Business Assurance at PwC.

Nick earned both a BBA and MBA from Pace University and he is a Certified Public Accountant.



**Cheng Hoon Lim** is currently Deputy Director in STA. She has over 25 years of Fund experience, including in surveillance and capacity development. Having worked in area departments (APD, WHD, EUR) and functional departments (MCM and SPR), she has extensive knowledge of Fund policies and operations. Her many contributions as a member of several committees, most recently including the Task Force on Catalyzing Private Financing for Climate Change and the Diversity Council, and as co-chair of the Health, Safety, and Environment Committee, testify to her ability to work effectively for the good of the larger institution.



**Venkat Josyula** is a Senior Economist in the Balance of Payments Division of the IMF's Statistics Department (STA). He has wide-ranging interest in national accounts, balance of payments, and other areas of official statistics with more than 25 years of experience. He has authored several guidance notes, working papers, clarification notes, and has been closely involved in developing the methodological guidance on the treatment of crypto assets in macroeconomic statistics. Currently, he is the co-lead editor of the Balance of Payments and International Investment Position Manual, Seventh Edition and leading the STA's initiative on developing the compilation guidance on crypto assets. He holds an M.Sc. Statistics degree from the Indian Institute of Technology, Kanpur and a Post Graduate Diploma in Management from the Management Development Institute, Gurgaon, India.



**Fernando Lemos** is Deputy Head of the Department of Statistics of Banco Central do Brasil (BCB), a position he has held since December 2017. He has extensive experience in macroeconomic statistics, having worked as an External Sector Statistics Regional Advisor at the IMF Technical Assistance (TA) Office in Thailand from 2016 to 2017, and as a Senior Economist in the Balance of Payments Division of the IMF Statistics Department from 2012 to 2016. He also served as the Head of Division and as the Coordinator of Services and Capital Account of the Balance of Payments Division at the BCB, where he started his career as an economist in 1994. He has since 2005 been providing technical assistance and training on external sector statistics to central banks and national statistics offices in Africa, the Asia-Pacific region, Latin America, and the Middle East, as an expert for the IMF and other multilateral organizations. He currently participates

in working groups and tasks teams for the updates of the IMF Balance of Payments and International Investment Position Manual and the OECD Benchmark Definition of Foreign Direct Investment Definition. He holds a bachelor's degree in economics from Universidade de Brasília and an MBA in International Trade and Exchange Operations from Fundação Getúlio Vargas. Fernando has been a member of the IMF Balance of Payments Committee, the OECD Working Party on trade in Goods and Services Statistics, and the Luxembourg Group on Remittances.



**Allison Derrick** is a research economist at the U.S. Bureau of Economic Analysis (BEA). She leads BEA's efforts to measure the contribution of the crypto asset industry to the U.S. economy. As part of the drafting teams, she contributed to two recent guidance notes on the recording of fungible crypto assets and non-fungible tokens in macroeconomic statistics. She also published a book chapter in *Economics of Cryptocurrency* on the use and measurement of crypto assets in international trade. Other research aims to improve the measurement of innovation activities in multinational enterprises and to understand how these firms manage intellectual property in their global value chains. She received her Ph.D. in Agricultural and Applied Economics from the University of Wisconsin-Madison.

## CLOSING SESSION. SHOW US THE MONEY

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**David Wessel** is a senior fellow in Economic Studies at Brookings and director of the Hutchins Center on Fiscal and Monetary Policy, the mission of which is to improve the quality of fiscal and monetary policies and public understanding of them. He joined Brookings in December 2013 after 30 years on the staff of The Wall Street Journal where, most recently, he was economics editor and wrote the weekly Capital column. He appears frequently on NPR's Morning Edition and tweets often at @davidmwessel.

David is the author of two New York Times best-sellers: "In Fed We Trust: Ben Bernanke's War on the Great Panic" (2009) and "Red Ink: Inside the High Stakes Politics of the Federal Budget" (2012). His most recent book is "Only the Rich Can Play: How Washington Works in the

New Gilded Age" (2021), the story of Opportunity Zones.

He has shared two Pulitzer Prizes, one in 1984 for a Boston Globe series on the persistence of racism in Boston and the other in 2003 for Wall Street Journal stories on corporate scandals. David is a member of the Bureau of Labor Statistics' Data Users Advisory Committee. He also has taught in the Dartmouth Tuck School of Business Global 2030 executive education program and in the journalism program at Princeton University.

A native of New Haven, Conn., and a product of its public schools, David is a 1975 graduate of Haverford College. He was a Knight-Bagehot Fellow in Business and Economics Journalism at Columbia University in 1980-81.



**Klaas Knot** has been President of De Nederlandsche Bank since 1 July 2011 and has served as Chair of the Financial Stability Board since 2 December 2021. He is also a member of the Governing Council and the General Council of the European Central Bank, member of the European Systemic Risk Board, member of the International Monetary Fund's Board of Governors and a member of the Board of Directors of the Bank for International Settlements.

Klaas holds several secondary positions. Since 2005, he has been professor of economics of central banking at the University of Groningen, and since 2015 he has also been honorary professor of monetary stability at the Economics and Business Department of the University of Amsterdam. Klaas has published a variety of articles in leading Dutch and international journals in the fields of monetary and financial economics. He is also a member of the Group of Thirty, a

global body comprised of economic and financial leaders from the public and private sectors and academia. Before assuming DNB's presidency, Klaas Knot was Deputy Treasurer-General and Director of Financial Markets at the Dutch Ministry of Finance (2009–2011). Earlier, from 1995, he worked for DNB for almost twelve years in various positions including senior economist in the Monetary and Economic Policy Department and Director of the Supervisory Policy Division. At different intervals during this period, he was employed by the International Monetary Fund (1998-1999) and the former Pensions and Insurance Supervisory Authority of the Netherlands (2003-2004).

In 1991, he graduated with honours in economics from the University of Groningen. In 1995, he obtained his PhD in economics.





**Tobias Adrian** is the Financial Counsellor and Director of the Monetary and Capital Markets Department of the International Monetary Fund (IMF). In this capacity, he leads the IMF's work on financial sector surveillance, monetary and macroprudential policies, digital money, financial regulation, bank resolution, debt management, capital markets, and climate finance. He also oversees capacity building activities in IMF member countries with regard to the supervision and regulation of financial systems, bank resolution, central banking, monetary and exchange rate regimes, central bank digital currency, and debt management.

Prior to joining the IMF, Mr. Adrian was a Senior Vice President of the Federal Reserve Bank of New York and the Associate Director of the Research and Statistics Group. At the Federal Reserve, he contributed to monetary policy, financial stability policies, and to crisis management.

Mr. Adrian has published extensively in economics and finance journals. His research spans macro-finance, monetary policy, financial stability, and climate finance, with a focus on aggregate consequences of capital

markets developments. He has taught at Princeton University and New York University. He is member of the editorial boards of the International Journal of Central Banking and the Annual Review of Financial Economics.

Mr. Adrian holds a Ph.D. from the Massachusetts Institute of Technology in Economics, an MSc from the London School of Economics in Econometrics and Mathematical Economics, a Diplom from Goethe University Frankfurt and a Maîtrise from Dauphine University Paris. He received his Abitur in Literature and Mathematics from Humboldtschule Bad Homburg.

## CLOSURE OF THE FORUM

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**Mr. Kroese** is Chief Statistician, Data Officer, and Director of the Statistics Department at the IMF.

Before joining the Fund, he worked for 25 years at Statistics Netherlands. He served in various expert, management, and (senior) director roles in the fields of methodology and economic statistics. From 2013 until 2022, he acted as Deputy Director-General and CIO with special focus on and responsibility for IT and Innovation. In 2014 and 2020 (at the start of the Coronavirus pandemic), he was acting Director-General for a short stint.

Nationally and internationally, he has been especially active in the fields of innovation and environmental-economic statistics. He has chaired the UN Committee of Experts on Environmental-Economic Accounting (UNCEEA) for seven years. He has also been co-chair of the Executive Board of the High-Level Group for Modernization of Official Statistics (UNECE). In the context of the European Statistical System, he has been co-chair and deputy chair of a number of innovation related taskforces. In the Netherlands he was member of the strategy team of the Dutch National Artificial Intelligence Coalition and treasurer of ICTU, a large IT service supplier in Dutch government.

Mr. Kroese holds a PhD (honors) in mathematical statistics from the University of Groningen.